

10. Kassie

Program Name: Kassie.java

Input File: kassie.dat

You and Kassie are working on a project together. You need to write a program that takes an expression in the following format, and solves for x:

`(number1) (symbol) (number2) = x`

`number1` and `number2` will be positive integer values, and `symbol` will be the symbol for either addition, subtraction, multiplication, or division. You simply need to determine what x would be. Note: all division will be integer division.

Input: The input will begin with an integer, n ($0 < n \leq 1000$), denoting the number of test cases to follow. Each test case will consist of one line in the format listed above in the problem description.

Output: Output the integer value of x for the given expression.

Sample input:

```
4
23 + 4 = x
36 / 5 = x
212 - 17 = x
89 / 54 = x
```

Sample output:

```
27
7
195
1
```